



Australian Bureau of Statistics

CensusAtSchool Australia

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Resources



CaSQ 40 - Side by side column graphs

You can download this activity as a rich text file (RTF) using the link at the bottom of the page.

Task:

Side by side column graphs

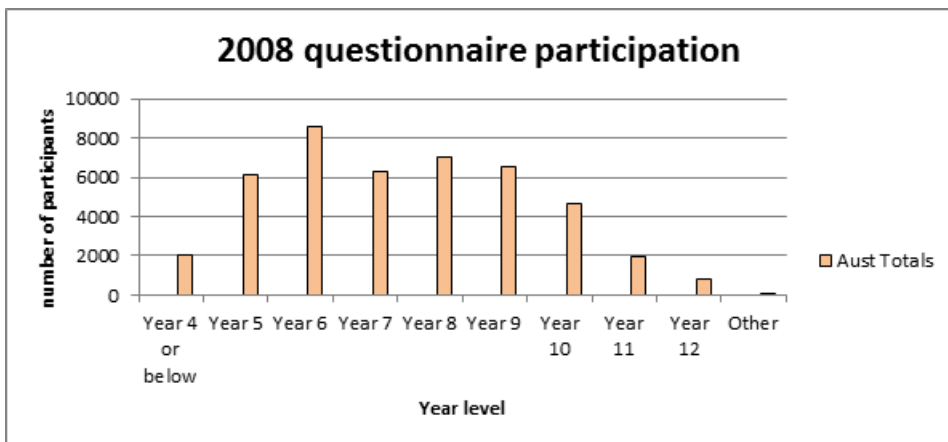
In 2008, a total of 44,189 students completed the CensusAtSchool on line questionnaire. The numbers of participants is recorded in the table below.

Year Level	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	Aus. Totals
Year 4 or below	12	919	5	77	176	152	549	176	2066
Year 5	171	2321	19	208	350	419	2070	587	6145
Year 6	176	3235	29	452	782	654	2674	590	8592
Year 7	57	1379	25	801	1007	376	1411	1272	6328
Year 8	76	2131	17	860	1329	536	1095	954	6998
Year 9	33	1857	18	1016	1244	518	950	912	6548
Year 10	30	1100	17	677	1054	354	502	914	4648
Year 11	49	447	41	343	536	194	205	159	1974
Year 12	27	105	3	227	253	38	49	78	780

Other	7	20	4	10	14	8	29	18	110
Total	638	13514	178	4671	6745	3249	9534	5660	44,189

TABLE 1:NO. OF STUDENTS WHO COMPLETED 2008 CENSUSATSCHOOL QUESTIONNAIRE

1. For your State or Territory, create a column for the participation at each level. Place them on the axis below next to the Australian Totals. Remember to keep the column widths the same.



2. Describe how the year level participation for your State or Territory compares to the participation for Australia.

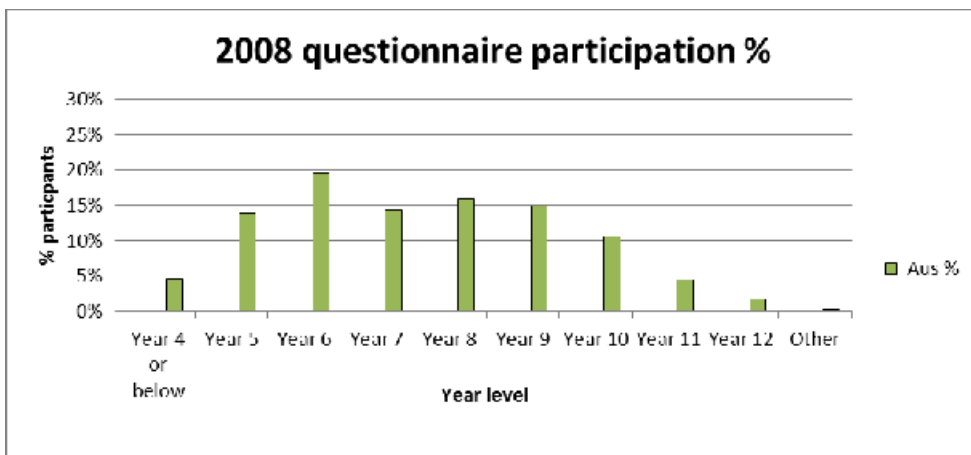
3. The year levels participation can also be shown as a percentage of the total for each State And Territory.

Year Level	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	AUS
Year 4 or below	2%	7%	3%	2%	3%	5%	6%	3%	5%
Year 5	27%	17%	11%	4%	5%	13%	22%	10%	14%
Year 6			16%	10%	12%			10%	19%
Year 7	9%	10%	14%	17%	15%	12%	15%		14%
Year 8	12%	16%	10%	18%		16%	11%	17%	16%
Year 9	5%	14%	10%		18%	16%	10%	16%	15%
Year 10	5%	8%	10%	14%	16%	11%	5%	16%	11%
Year 11	8%	3%		7%	8%	6%	2%	3%	4%
Year 12	4%	1%	2%	5%	4%	1%	1%	1%	2%

Other	1%	0%	2%	0%	0%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

TABLE 2: PERCENTAGE OF STUDENTS WHO COMPLETED 2008 CENSUSATSCHOOL QUESTIONNAIRE

4. For your State or Territory, fill in any missing value and show the percentage participation for each year level as a column on the graph below.



5. Which side by side column graph shows the comparison between your State or Territory more clearly?

6. Explain the reasons for your answer.

Extension:

7. Choose another State or Territory for comparison and add its data to the graph you nominated in question 4. Describe how its participation compared to your State or Territory and to Australia overall.

Download the full activity:

RTF

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